

Converting Colors

RGB(106, 85, 171)

Have a look what the booklet for
RGB(106, 85, 171) contains.

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Color

RGB(106, 85, 171)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6A55AB |
| RGB | 106, 85, 171 |
| RGB Percent | 42%, 33%, 67% |
| CMY | 0.5843, 0.6667, 0.3294 |
| CMYK | 0.38, 0.50, 0.00, 0.33 |
| HSL | 255°, 34%, 50% |
| HSV | 255°, 50%, 67% |
| XYZ | 16.5430, 12.5014, 40.0692 |
| YIQ | 101.0830, -15.0900, 31.1980 |

Conversions

Conversions Part 2

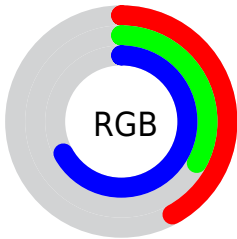
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 106, 85, 171 |
| Decimal | 6968747 |
| CIE _{Lab} | 42.00, 29.16, -43.32 |
| CIE _{LCh} | 42, 52.217, 303.943 |
| Yxy | 12.5014, 0.2394, 0.1809 |
| Android (android.graphics.Color) | 4285158827 (0xFF6A55AB) |
| YUV | 101.0830, 34.4691, 4.3122 |
| Hunter-Lab | 35.3574, 21.6413, -42.4409 |

Details

The RGB color **106, 85, 171** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **150, 171, 85**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **160, 135, 227**, and **53, 39, 118** is the 20% darker color. If you saturate the color by 10%, you get **93, 68, 171**, and if you desaturate by 10%, it is **119, 102, 171**.

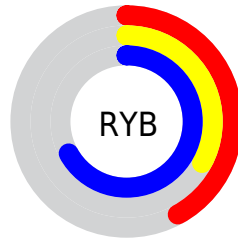
Distribution



Red (42%)

Green (33%)

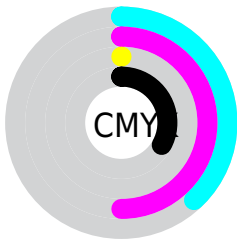
Blue (67%)



Red (42%)

Yellow (33%)

Blue (67%)

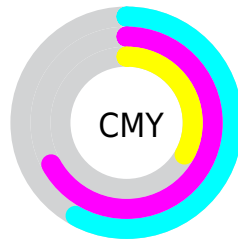


Cyan (38%)

Magenta (50%)

Yellow (0%)

Black (33%)



Cyan (58%)

Magenta (67%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 106, 85, 171 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 106, 85, 171 by changing the saturation by 10% instead.



106, 85, 171



106, 85, 171

255, 255, 255



80, 61, 144



160, 135, 227



53, 39, 118



188, 161, 255



24, 18, 93



217, 189, 255



0, 0, 69



246, 217, 255



0, 3, 46



255, 245, 255



0, 1, 24



0, 0, 0



106, 85, 171



106, 85, 171



93, 68, 171



119, 102, 171

80, 51, 171

132, 119, 171

67, 34, 171

145, 136, 171

54, 17, 171

158, 153, 171

42, 0, 171

171, 170, 171

184, 188, 171

196, 205, 171

209, 222, 171

222, 239, 171

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0, 102, 185



106, 85, 171



155, 65, 138

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



106, 85, 171



149, 83, 15



0, 119, 104

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



106, 85, 171



150, 171, 85

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 116, 59



106, 85, 171



114, 99, 0

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



106, 85, 171



171, 64, 54



70, 110, 16



0, 118, 146

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



106, 85, 171



171, 55, 110



70, 110, 16



0, 118, 89

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



106, 85, 171



197, 189, 222



85, 151, 171



97, 92, 112



240, 240, 240



112, 112, 112

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



106, 85, 171



121, 89, 222



148, 85, 171



80, 78, 87



37, 0, 150



6, 0, 23

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



171, 85, 150



222, 89, 189



108, 171, 85



87, 78, 85



150, 0, 114



23, 0, 17

Previews

White Background



This preview shows how the RGB color 106, 85, 171 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 106, 85, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

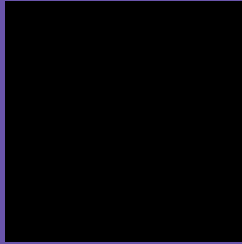
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 106, 85, 171 Background



This preview shows how black text looks on a background with the RGB color 106, 85, 171.

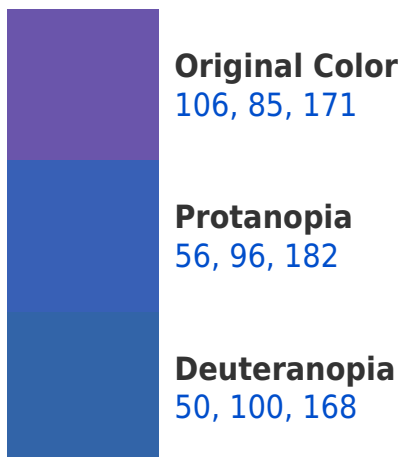


This preview shows how white text looks on a background with the RGB color 106, 85, 171.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
92, 100, 108

Trichromacy



Original Color
106, 85, 171

Protanomaly
74, 92, 178

Deuteranomaly
70, 95, 169

Tritanomaly
97, 95, 131

Monochromacy



Original Color
106, 85, 171

Achromatopsia
101, 101, 101

Achromatomaly
103, 95, 126

CSS Examples

Text

The CSS property to change the color of the text to RGB 106, 85, 171 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(106, 85, 171)` looks like.

```
.text, #text, p{  
    color:rgb(106, 85, 171)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(106, 85, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 85, 171) }
```

Border

The CSS property to change the border of an element to RGB 106, 85, 171 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 85, 171) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(106, 85, 171) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(106, 85, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 85, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 85, 171);  
box-shadow:4px 4px 4px 4px rgb(106, 85,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 106, 85, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 85, 171) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(106, 85,  
171) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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